

## High Heat Efficiency Steel Shell Melting Furnace High Durability Energy Saving 2800V

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: Huarui
- Model Number: to be customized



#### Product Specification

- Temperature Accuracy: High
- Safety: High
- Energy Saving: High
- Heat Efficiency: High
- Durability: High
- Melting Time: Short
- Highlight: **Steel Shell Melting Furnace High Durability, 2800V Steel Shell Melting Furnace**



## Product Description

### Product Description:

Under the effort of our technical department dedicating to technological innovation, research and development, we have developed an leading induction furnace for melting with a steel shell structure, it is called steel shell melting furnace. Two or multiple steel shell furnaces can be powered by one set of power supply cabinet at the same time, one furnace for melting and the other for holding the temperature of the molten metal, ensuring a continuous process in the casting process.

The entire machine consists of four main parts: steel plate shell, magnetic yoke, insulation material, induction coil. Oriented silicon steel sheet is applied and the size of the magnetic yoke is enlarged, the thinner silicon steel sheet is, the more expensive it is and the less eddy current it produces, therefore loss is lower and less heat is generated. Furthermore, a special W-shaped structure is applied which completely eliminates the need for water cooling, helping to reduce power consumption and water pipeline quantity.

Volume of hydraulic type steel shell furnace is much larger than that of reducer type steel shell furnace. Material of non-water magnetic yoke itself is very good and heat to be generated is very low. Because heat generated by magnetic yoke is little, water is not required to cool it down, heat can be quickly radiated out on its own, so this can reduce water consumption and reduce running cost. Insulation board trip is provided for it to prevent screws of induction coil from arcing with the outside space, ensuring equipment can operate more safely and stably.

### Features:

Our products are well-known for their **high energy saving** and **environmental friendly performance**. They also have good **rigidity** and a compact structure.

What's more, they features **durability** and **practicality** and **safe performance**, so we can assure that our equipment will greatly satisfy you .

### Technical Parameters:

Aluminum Shell Induction melting furnace power supply, thyristor type serial-connected resonance medium frequency type, (2 tons), as for other data of other capacity (tons), please check other pages in our this website.

Characteristic	Description
Type	GW2.0-1400-0.5S
Rated capacity ( T )	2.0
Rated power (KW)	1400
rated frequency (HZ)	500
power supply (V)	575
inlet current (A)	1400
medium frequency voltage (V)	2800
load type	One power supply cabinet drives one induction furnace
adapted transformer (KVA)	1600

### Applications:

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Steel shell melting furnace is a custom-made induction melting furnace made of steel. The steel shell melting furnace is mainly used in many fields, such as steel industry, iron industry, aluminum industry, copper industry, and other metal industry.

### Support and Services:

Steel Shell Melting Furnace Technical Support and Service

Our Steel Shell Melting Furnace provides comprehensive technical support and service. We offer a wide range of services, including:

Product installation and maintenance services

Troubleshooting and repairing

Operator training and guidance

On-site technical support and consultation

Remote technical support

Regular maintenance and inspection

We are committed to providing our customers with the highest quality of service and support. Our team of experienced technicians and engineers are available to answer any questions you may have regarding the Steel Shell Melting Furnace, we also provide assistance with any technical issues you may encounter as well.

## Packing and Shipping:

The Steel Shell Melting Furnace is packaged in a custom-made wooden crate for safe transportation. The crate is reinforced with metal bands to ensure stability during transportation, and the furnace is wrapped in foam for further protection. To guarantee the security of the product during shipping, the crate is also sealed with a plastic wrap.



**Shandong Huarui Electric Furnace Co., Ltd.**



+86 15053617692



sales@huarui-furnace.com



melt-furnaces.com

Mount Taishan Street, Anqiu Economic Development Zone, Weifang, Shandong